

## MATERIAL SAFETY DATA SHEET

### PRODUCT INFORMATION

Product Name: WR8288  
General/Generic Name: NITRITE REAGENT  
TDG Hazard Classification: NOT REGULATED LIMITED QUANTITY  
WHMIS Classification: D;2B

Vendor Name & Address: HOOD CHEMICAL  
295 ALLIANCE ROAD #14  
MILTON ON L9T 4W8

### HAZARDOUS INGREDIENTS

Ingredient	%W/W	CAS.NO.	LD50	LC50	TLV
CERICAMMONIUM NITRATE	3-7	16774-21-3	NA	NA	ND
SULPHURIC ACID	5-10	7664-93-9	2140mg/kg	NA	ND

### PHYSICAL DATA

Physical State: LIQUID  
Appearance & Odour: ORANGE, YELLOW CLEAR LIQUID. NO ODOUR  
Odour Threshold: NA  
Specific Gravity: 1.05  
Vapour Pressure: ND  
Vapour Density: ND  
Evaporation Rate: ND  
Initial Boiling Point: 100°C  
pH: 0.7  
Water Solubility: SOLUBLE  
Freezing Point: 0°C

### FIRE OR EXPLOSION HAZARDS

Flash Point: NONE  
Flammable Limits: ND  
Auto-Ignition Temp: ND  
Extinguishing Media: NA  
Special Firefighting Procedure: HIGH HEAT MAY CAUSE CONTAINERS TO EXPLODE  
Explosion Data: ND  
Hazardous Combustion Products: ND

### REACTIVITY DATA

Stability: STABLE  
Incompatibility: NONE THAT CAUSE HAZARDS  
Hazardous Decomposition Products: ND  
Hazardous Polymerization: WILL NOT OCCUR  
Conditions to Avoid: NONE THAT CAUSE HAZARDS

### TOXICOLOGICAL PROPERTIES

Threshold Limit Value: 3mg/m<sup>3</sup>  
Effects of Acute Exposure: NONE KNOWN TO MANUFACTURER  
Skin Contact: DEFATTING  
Skin Absorption: NONE  
Eye Contact: SEVERE IRRITATION, PERMANENT DAMAGE  
Inhalation: IRRITATION TO MUCOUS MEMBRANES  
Ingestion: G.I. TRACT IRRITATION  
Effects of Chronic Exposure: ND  
Irritancy of Product: SEVERE IRRITANT

Carcinogenicity: ND  
 Sensitization to Material: ND  
 Reproduction Toxicity: ND  
 Teratogenicity: ND  
 Mutagenicity: ND

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**PREVENTIVE MEASURES**

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Protective Equipment To be Used: PREVENT CONTACT TO SKIN AND EYES  
 Respiratory Protection: NONE REQUIRED USUALLY  
 Ventilation: NORMAL AIR FLOW  
 Protective Gloves: RECOMMENDED  
 Eye Protection: SAFETY GLASES AND/OR SHIELDS  
 Other Protective Measures NONE

SPILL OR LEAK PROCEDURES: Steps To Be Taken In Case Material is Released or Spilled: CONTAIN SPILL, ABSORB ONTO INERT MATERIAL

Waste Disposal Information:  
 DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, PROVINCIAL AND FEDERAL GOVERNMENT REGULATIONS.

Handling and Storage Conditions: KEEP CONTAINERS UPRIGHT IN A COOL, DRY PLACE; KEEP CONTAINERS CLOSED WHEN NOT IN USE.

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**FIRST AID MEASURES**

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Skin Contact: WASH WITH SOAP AND WATER  
 Eye Contact: RINSE THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT PHYSICIAN.  
 Inhalation; REMOVE TO FRESH AIR  
 Ingestion: DO NOT INDUCE VOMITING, DRINK LARGE QUANTITIES OF FLUIDS T DILUTE, CONSULT PHYSICIAN

Date Revised:	January 2016	NA	Not Applicable
Prepared by:	Lab Personnel	ND	No Data Available
Phone:	905-876-0707	NE	None Established
		NR	Not Regulated